

L 20139-65 EWP(k)/EWT(m)/EWP(b)/T/EWA(d)/EWP(v)/EWP(t)/ Pf-4/ ASD(m)-3

JL/HM/HW

ACCESSION NR: AP4045723

S/0135/64/000/009/0020/0022

AUTHOR: Slepak, E. S. (Candidate of technical sciences); Demin, V. V. (Engineer)

TITLE: Comparison between flashless resistance butt welding of pipes and induction welding

SOURCE: Svarochnoye proizvodstvo, no. 9, 1964, 20-22

TOPIC TAGS: flashless resistance welding, induction welding, upsetting

ABSTRACT: A comparative study of resistance butt welding (which has not been fully investigated in the Soviet Union) versus induction welding (8000 Hz) showed that the butt joints were of equal quality after both processes. The wall thickness of steel "20" pipes was 3 to 4 mm and the diameter 32 x 3.5 mm. The heating zone in resistance welding was sufficiently narrow prior to upsetting. With a 40 mm long workpiece, the section that undergoes plastic deformation during welding at 800 to 1300C is approximately 16 mm wide; this width produces a smooth inner pipe surface with a negligible thickening in the butt area near the aperture diameter, amounting to 90-95% of the nominal diameter. Upsetting pipe was

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L 1895-66 EWT(d)/EPA(s)-2/EWT(m)/EWR(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)

ACCESSION NR: AP5021573EWA(c) JD/HM

UR/0286/65/000/013/0046/0046  
621.791.762-5

AUTHOR: Mel'bard, S. N.; Gel'man, A. Sh.; Slepak, E. Sh.; Ovchinnikov, A. S.

TITLE: Method of automatic control of flash butt welding. Class 21, No. 172413

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 46

TOPIC TAGS: welding, flash welding, continuous flash butt welding, fusion current, automatic control

ABSTRACT: An Author Certificate has been issued for a method of automatic control of continuous flash welding. The control, based on welding-current changes with time, operates on the magnitude and sign of the imbalance between the given and actual values of the fusion current using a controlled choke coil. [MS]

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya (Central Scientific Research Institute of Technology and Machine Building)

SUBMITTED: 26Dec63

NO REF SOV: 000

Card 1/1

ENCL: 00

OTHER: 000

SUB CODE: IE

ATD PRESS: 4090

L 21748-66 EWT(m)/EWP(v)/T/EWP(t)/EWP(k) JD/HM

ACC NR: AP6005890

SOURCE CODE: UR/0096/65/000/011/0063/0066

AUTHOR: Gel'man, A. S. (Professor, Doctor of technical sciences); 4/2  
Slepak, E. S. (Candidate of technical sciences); Mel'bard, S. N.  
 (Candidate of technical sciences); Vivsi, S. N. (Engineer)

ORG: TSIITMASH, Z10

TITLE: Present state and future prospects for the development of butt welding of the tubes of a heating surface

SOURCE: Teploenergetika, no. 11, 1965, 63-66

TOPIC TAGS: welding technology, heating engineering, flash welding, high frequency

ABSTRACT: At the present time, the main industrial process used for joining the tubes of heating surfaces is flash butt welding. This welding method, which produces joints of sufficiently high quality, is accompanied by the formation of a large bur which is difficult to get rid of. The present article is a review of recent work in the Soviet Union aimed at improving the quality of heating surfaces by better control of the heating process during flash and contact welding and by the development of techniques for tube butt welding using high

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UDC: 621.643.411.4

L 21748-66

ACC NR: AP6005890

frequency currents. Results obtained in various of the experiments are illustrated graphically and with oscillograms. Orig. art. has: 7 figures and 2 tables.

SUB CODE: 13/ SUBM DATE: none

Card 2/2

JV<sup>R</sup>

SLEPAK, N. I. Cand. Biolog. Sci.

Dissertation: "The Effect of Washing with Saponin on the Hygienic Properties of Clothing Fabrics." Inst of General and Communal Hygiene, Acad Med Sci USSR, 12 Nov 47.

SO: Vechernyaya Moskva, Nov, 1947 (Project #17836)

~~SLEPAK~~ N.I., kandidat biologicheskikh nauk.

Basic physicohygienic properties of quilted clothing with various  
padding; studies under laboratory conditions. Trudy AMN SSSR  
30:58-75 '53. (MLRA 8:1)

(CLOTHING,  
cotton ~~warm~~ clothing, laboratory investigation)

SLEPAK, N.I., kand.biolog.nauk

Hygienic evaluation of materials from synthetic substances designated for domestic use. Gig.i san. 24 no.11:67-69 N '59.

(MIRA 13:4)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta sanitarii i gigiyeny imeni F.F. Erismana Ministerstva zdravookhraneniya RSFSR.  
(PLASTICS effects inj.)

SLEPAK, N.I.

Sanitary and chemical investigation of synthetic materials based  
on polyvinyl chloride. Uch. zap. Mosk.nauch.-issl. inst. san. i  
gig. no.9:121-126 '61 (MIRA 16:11)

\*



PROKHOROV, Yu.D.; ROSHCHIN, I.V.; SLEPAK, N.I.

Study of the thermal insulating properties of clothing for miners in  
open pits of the Far North. Gig. i san. 26 no.6:39-46 Je '61.  
(MIRA 15:5)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta gigiyeny  
imeni F.F.Erismana Ministerstva zdravookhraneniya RSFSR.  
(NORILSK--MINES AND MINERAL RESOURCES--HYGIENIC ASPECTS)  
(CLOTHING, COLD WEATHER)

GANICH, A.A., inzh.; DANILOV, O.V., inzh.; SLEPAK, S.L., inzh.;  
YUDINTSEV, M.P., inzh.

New diagram for batching and weighing the charge mixture for  
high capacity blast furnaces. Stal' 22 no.8:679-683 Ag '62.  
(MIRA 15:7)

1. Magnitogorskiy gosudarstvennyy soyuznyy institut po  
proyektirovaniyu metallurgicheskikh zavodov.  
(Blast furnaces—Equipment and supplies)

EXCERPTA MEDICA Sec 5 Vol 12/7 General Path. July 59

1915. PRECANCEROUS CONDITIONS OF THE STOMACH (Russian text) -  
Slepak T. A. Distr. Oncol. Disp., Velikye-Luky - VOPR. ONKOL. 1958,  
4/5 (624-628) Tables 4

In 210 gastrectomy cases from the case material of the Velikoluzk District  
Oncological Hospital a study was made of the past history, clinical and roentgeno-  
logical findings, laboratory data and of the pathological reports of the resection  
specimens. In 43.3% there had been one of the following precancerous diseases:  
ulcer (14.7%), polyposis (13.3%) and chronic gastritis (15.3%). Achylia was found  
in 40 cases, reduced acidity in 15, normal in 6 and hyperchlorhydria in 4 cases.  
The polyps were single in 8 cases, and multiple in 20. Rational treatment of all  
these precancerous conditions is considered to be a most important measure in the  
fight against gastric cancer.

(V. 6, 9, 16)

SLEPAK, T.A.

Surgical treatment of stomach cancer; data from the Velikiye Luki  
Oncological Dispensary. Vop. onk. 6 no. 10:100-103 0 '60.

(MIRA 14:1)

(STOMACH—CANCER)

SLEPAK, Z.M.

Determining the density of rocks in gravimeter surveying. Geol.  
nefti i gaza 3 no.8:48-49 kg '59. (MIRA 12:11)

1. Trest Tatneftegeofizika.  
(Rocks--Density)

ACC NR: AR6019791

SOURCE CODE: UR/0270/66/000/002/0031/0031

AUTHOR: Slepak, Z. M.

TITLE: Methodology of highly precise surveys with gravimeters GAK-4V and GAK-PT, and some geological interpretations of the obtained data 12

SOURCE: Ref. zh. Geod, Abs. 2.52.235

REF SOURCE Sb. Apparatura, metodika i interpret. geofiz. nablyud. Kazan', Kazansk, un-t, 1965, 99-106

TOPIC TAGS: gravimetry, gravimetric survey, gravimeter/GAK-4V gravimeter, GAK-PT gravimeter 26 26

ABSTRACT: Methodology of detailed, highly precise gravimetric surveys with quartz gravimeters GAK-4V and GAK-PT is described, developed in the process of field work in the Tatarskaya republic. Average error of observed gravity magnitudes does not exceed  $\pm .04$  mgal. Geological results of the surveys are briefly described. [Translation of abstract].

SUB CODE: 08

Card 1/1

UDC 528.563

SLEPAK, Z.M.

Fast method for introducing terrain corrections in gravimetric  
surveying. Razved. i prom. geofiz. no. 51:80-82 '64. (MIRA 17:11)

SLEPAKOV, A.

Clover

Hulling clover seeds in a feed mill. Kolkh. proizv. 12 no. 7, 1952.

Monthly List of Russian Accessions. Library of Congress, October 1952. UNCLASSIFIED.



SLEPAKOV, B.G., kandidat tekhnicheskikh nauk, dotsent.

Modernizing the automatic machine used for winding sewing thread  
on a spools for trade purposes. Tekst.prom.16 no.12:46-47 D'56.  
(MLRA 10:1)

(Bobbins(Textile machinery))

SLEPAKOV, B.G., kand.tekhn.nauk; SUKHAREV, M.I., kand.tekhn.nauk

New classification for staple fabrics. Tekst. prom. 18  
no.9:62 S '58. (MIRA 11:10)  
(Textile fabrics)

SLEPAKOV, S. (Rostov-na-Donu)

Changing the professional qualifications of workers in the construction industry. Sots.trud 5 no.4:136-137 Ap '60. (MIRA 13:9)  
(Rostov Province--Construction industry--Labor productivity)  
(Building trades--Study and teaching)

SLEPAKOV, S.V., kand. ekonom. nauk

Qualifications of construction workers. [Trudy] TISI no.17:3-9  
'60. (MIRA 15:6)

(Construction workers)

SLEPAKOVA, G.I.

Structures of the secondary order underlying salt domes in the  
Caspian Lowland according to the geophysical data. Trudy VNIGRI  
no.186:253-272 '61. (MIRA 15:3)  
(Caspian Lowland--Petroleum geology)

DIMAKOV, A.I.; SEMENOVA, Ye.V.; SLEPAKOVA, G.I.

Tectonic structure, and oil and gas potentials of the southern  
Mangyshlak Peninsula. Geol. nefti i gaza 7 no.3:36-40 Mr '69.  
(MIRA 16:4)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologo-  
razvedochnyy institut.  
(Mangyshlak Peninsula--Petroleum geology)  
(Mangyshlak Peninsula--Gas, Natural--Geology)

CHEREPA NOV, N.N.; SLEPA KOVA, G.I.

Structure of the southwestern part of the southern Mangyshlak  
Peninsula (in the area of the Cape Peschanyy-Kaundy Depression).  
Trudy VNIGRI no.218:74-76 '63. (MIRA 17:3)

ARIFOV, U.A.; KLEYN, G.A.; ABLIYAYEV, Sh.A.; VASIL'YEVA, Ye.K.; FILIPPOV, A.N.;  
SLEPAKOVA, S.I.; GETSONOK, B.I.; ZAUROV, R.I.

Studying gamma-ray effects in natural silk. Izv. AN Uz. SSR. Ser.  
fiz.-mat.nauk no.4:5-11 '58. (MIRA 11:11)

1. Fiziko-tekhnicheskiy institut AN Uz. SSR.  
(Silk) (Gamma rays)



ARIFOV, U.A., akademik; KLEYN, G.A.; ABLYAYEV, Sh.A.; VASIL'YEVA, Ye.K.;  
FILIPPOV, A.N.; SLEPAKOVA, S.I.; GETSONOK, B.I.; ZAUROV, R.I.

Effect of gamma rays on the properties and structure of natural silk.  
Dokl. AN Uz. SSR no.6:5-9 '58. (MIRA 11:9)

1. AN UzSSR (for Arifov). 2. Fiziko-tekhnicheskii institut AN UzSSR,  
Institut yadernoy fiziki AN UzSSR i Uzbekskiy nauchno-issledovatel'skiy  
institut shelkovoy promyshlennosti.  
(Gamma rays) (Silk)

AZIMOV, S.A.; KALAYDZIDU, Ye.I.; KORDUB, N.V.; SLEPAKOVA, S.I.; USMANOV,  
Kh.U.

Determining the integral heat of wetting of natural silk irradi-  
ated with gamma rays. Dokl.AN Uz.SSR no.12:13-15 '59.

(MIRA 13:5)

1. Fiziko-tekhnicheskiy institut AN UzSSR. 2. Chlen-korrespondent  
AN UzSSR (for Usmanov).

(Silk)

(Heat of wetting)

(Gamma rays)

Slepakova, S.I.

3/166/60/000/02/11/013

AUTHORS: Arifov, U.A., Member of the AS Us SSR, Kleya, G.A., Filippov, A.N.,  
Slepakova, S.I., Zurov, R.I. and Kordub, N.M.

TITLE: The Variation of Properties of Natural Silk in Different Media and  
the Synthetic Nitron Fiber in the Air by Gamma Radiation

PERIODICAL: Izvestiya Akademii nauk Uzbekskoy SSR, Seriya fiziko-  
matematicheskikh nauk, 1960, No.2, pp.09-35

TEXT: The authors communicate the results of the investigation of the  
variation of several mechanic, physical and chemical properties of the raw  
silk during a radiation with the gamma rays of  $Co^{60}$  in distilled water, benzol,  
hydrogen and air. For a comparison the variations of the synthetic acrylonitrile  
nitron fiber are considered. It is stated that the synthetic fiber especially  
for a strong radiation has a greater power of resistance than the natural  
raw silk. There are 6 figures and 2 Soviet references.

ASSOCIATION: Institut yadernoy fiziki AN Us SSR (Institute of Nuclear Physics  
AS Us SSR) Uzbekskiy n.-i. Institut shelkovoy promyshlennosti  
(Uzbekskiy Scientific Research Institute of Silk Industry)

SUBMITTED: February 16, 1959

Card 1/1

88535

S/190/60/002/010/003/026  
B004/B054

15.8600

AUTHORS:

Azimov, S. A., Usmanov, Kh. U., Kordub, N. V., and  
Slepakova, S. I.

TITLE:

The Grafting of Some Monomers on Silk and Caprone by Means  
of Gamma Rays

PERIODICAL:

Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 10,  
pp. 1459-1462

TEXT: The authors report on the grafting of acrylonitrile and styrene on silk and caprone under irradiation with gamma rays of  $Co^{60}$  with an activity of 1350 curies. A preliminary irradiation of fibers and a subsequent treatment with the monomers showed no result. When irradiating in monomeric solution, however, a weight increase (6 - 23%) of the fiber was observed which depended on the solvent applied (Table). With acrylonitrile and silk, an aqueous solution showed the best effect (23% weight increase), since it well moistens the silk. The grafting of acrylonitrile on caprone was carried out in aqueous-alcoholic solution, the grafting of styrene on caprone in ethanol (23 - 24% weight increase). The optimum irradiation dose was found to be  $1 \cdot 10^6$  physical roentgen equivalents for the process.

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X

The Grafting of Some Monomers on Silk and  
Caprone by Means of Gamma Rays

<sup>88535</sup>  
S/190/60/002/010/003/026  
B004/B054

A higher dose does not produce any further increase in weight of the fiber. The introduction of new chemical groups into the fibers was proved by means of an MK-12 (IK-12) infrared recording spectrometer (Figs. 1, 2). The grafted silk and caprone showed the characteristic  $2270\text{ cm}^{-1}$  band of the C $\equiv$ N bond. On the basis of the change in viscosity of fibroin in copper-ammonia solution due to irradiation (Fig. 3) and the increase in moistening heat (Fig. 4), the authors assume a rupture of the principal chain of fibroin and a reduction in the packing of the macromolecules. The absorption bands corresponding to the hydrogen bonds of the CO-NH groups ( $3080$  and  $3300\text{ cm}^{-1}$ ), however, remain unchanged even after intensive irradiation (Fig. 5). There are 5 figures, 1 table, and 3 references: 2 Soviet and 1 US. ✓

ASSOCIATION: Fiziko-tekhnicheskii institut (Institute of Physics and Technology). Institut khimii polimerov AN UzSSR (Institute of the Chemistry of Polymers of the AS Uzbekskaya SSR)

SUBMITTED: January 8, 1960

Card 2/2

S/844/62/000/000/083/129  
D423/D307

AUTHORS: Azimov, S. A., Kordub, N. V., Slepakova, S. I. and Usmanov, Kh. U.

TITLE: The study of grafted copolymers of natural silk and caprone obtained by means of  $\gamma$  irradiation

SOURCE: Trudy II Vsesoyuznogo soveshchaniya po radiatsionnoy khimii. Ed. by L. S. Polak. Moscow, Izd-vo AN SSSR, 1962, 490-496

TEXT: Acrylonitrile, styrene and methylmethacrylate were grafted to silk and caprone whilst subjected to  $\gamma$  irradiation from a 1350 curie  $\text{Co}^{60}$  source. Optimum radiation dosages were found to be  $1 \times 10^6$  r for acrylonitrile and  $5 \times 10^6$  r for styrene and methylmethacrylate, and the extent of grafting was found to depend on the concentration of monomer in the solvent. The nitrogen content of the grafted silk was somewhat reduced with increasing dosage. Analysis of the grafted copolymers was difficult because of their insolubi-

Card 1/2

SLEPAKOVA, S.I.; GELLER, B.E.

Structural changes of polyacrylonitrile fibers in the process  
of forming. Khim. volok. no.3:7-10 '64. (MIRA 17:8)

I. Tashkentskiy tekstil'nyy institut.

SLEPAKOVA, TS. Z.

Blood picture, biopsy of the bone marrow and hemorrhagic syndrome  
in pulmonary suppurations treated with intrapulmonary antibiotics.  
Klin. med., Moskva 31 no.4:85 Apr 1953. (CML 24:4)

1. Of the Department of Faculty Therapy of the Sanitary and Pediatric  
Faculty of Tashkent Medical Institute imeni V. M. Molotov.



SLEPAKOVA, Ts.Z.

Blood picture, biopsy of the bone marrow and hemorrhagic syndrome in pulmonary suppurations treated with intrapulmonary antibiotics. Klin.med.  
34 no.4:85 Ap '53. (MLR 6:7)

1. Kafedra fakul'tetskoy terapii sanitarnogo i pediatricheskogo fakul'teta  
Tashkentskogo meditsinskogo instituta imeni V.M.Molotova.  
(Lungs--Abscess) (Antibiotics)

SLEPAKOVA, TS.Z., assistant

Clinical aspects of atypical pneumonias. Sbor.trud.Tashk.KBNP  
no.1:82-88 '56 (MIRA 11:3)  
(PNEUMONIA)

5221 AKC/TS Z.  
SLEPAKOVA, TS.Z., assistant

Comparative methods for treating pneumonia. Sbor.trud.Tashk.KEMP  
no.1:89-94 '56 (MIRA 11:3)  
(PNEUMONIA)

SLEPAKOVA, TS.Z.

Some deviations in the cardiovascular system in thyrotoxicosis  
before and after surgery. Izv.AN Uz.SSR.Ser.med. no.2:13-22  
'58. (MIRA 12:5)

1. Respublikanskiy protivozobnyy dispanser, Klinicheskaya  
bol'nitsa neotlozhnoy pomoshchi.  
(THYROID GLAND--SURGERY) (CARDIOVASCULAR SYSTEM)

SLEPAKOVA, TS.Z.

Clinical aspects and course of pneumonia cases in Tashkent. Izv. AN  
Uz.SSR. Ser.med. no.4:65-69 '59. (MIRA 12:12)

1. Tashkentskiy gosudarstvennyy meditsinskiy institut.  
(TASHKENT--PNEUMONIA)

SLEPAKOVA, TS.Z., kand. med. nauk

Clinical aspects and course of pulmonary heart insufficiency.  
Med. zhur. Uzb. no.4:25-29 Ap '63. (MIRA 17:4)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. A.S. Melik-Karamyan) sanitarno-gigiyenicheskogo i pediatricheskogo fakul'tetov Tashkentskogo gosudarstvennogo meditsinskogo instituta.

SLEPAKOVA, TS.Z.

Treatment of pulmonary and cardiac insufficiency. Sbor.nauch.trud.  
TashGMI 22:3-8 '62. (MIRA 18:10)

1. Kafedra fakul'tetskoy terapii sanitarno-gigiyenicheskogo i  
pediatricheskogo fakul'tetov (zav. kafedroy - prof. A.S.  
Melik-Karamyan) Tashkentskogo gosudarstvennogo meditsinskogo  
instituta.

vention of pulmonary and cardiac insufficiency. Sbor.nauch.  
trud.fashGMI 22:9-15 '62. (MIRA 18:10)

1. Kafedra fakul'tetskoy terapii sanitarno-gigiyenicheskogo i  
pediatricheskogo fakul'tetov (zav. kafedroy - prof. A.S.Malik-  
Karamyan) Tashkentского gosudarstvennogo meditsinskogo instituta.



SLEPCEVIC, Dragoljub

A case of hemolytic anemia caused by E. coli infection.  
Srpski arh. celok. lek. 91 no.9:865-868 S'63.

1. Interna klinika B Medicinskog fakulteta Univerziteta u  
Beogradu. Upravnik: prof. dr. Radivoje Berovic.

★

BOZOVIC, Borislav, prof. dr.; GRAOVAC, Bogdan, doc. dr.; DEVEČERSKI,  
Miloje, dr.; PUTNIK, Milan, dr.; GLIGOROV, Nada, dr.;  
SLEPCEVIC, Dragoljub, dr.

Use of mitomycin C in the treatment of various cases of  
carcinoma. Med.Glas.17 no.11/12:447-448 N-D '63.

1. Interna klinika B. Medicinskog fakulteta Univerziteta u  
Beogradu (Upravnik: prof. dr. R. Berovic).

BOGOVIC, Borislav; GRACOVAC, Bogdan; PUNJA, Milan; GILJENKA, Nada; DEVEČERSKI, Miloje; SLEPČEVIĆ, Dragoljub; STOJANOVIĆ, Gradimir; ANAČIĆ, Ivan; NIKOLIĆ, Ruzica.

Bronchial carcinoma during the period of 1955-1961 in the Clinic  
B of the Belgrade Medical Faculty. Srpski arch. celok. lek. 92  
no.3:241-248 Mr '64.

1. Interna klinika B Medicinskog fakulteta Univerziteta u Beogradu.  
(Upravnik: prof. dr. Radivoje Berovic).

NOVIKOV, Stepan Malakhiyevich; SLEPCHENKO, Aleksandr Gavrilovich; TIGAREV, Pavel Alekseyevich; SEVAST'YANOV, A.G., red.; KONOVALOVA, Ye.K., tekhn. red.

[Marine piston compressors] Korabel'nye porshnevye kompressory.  
Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 197 p. (MIRA 14:10)  
(Compressors) (Ships---Equipment and supplies)

SLEPCHENKO, Dmitriy Tarasovich [Slipchenko, D.T.]; SIVASHENKO, T.I. [Syvashenko, T.I.], otv. red.; GAVRILOV, V.M. [Havrylov, V.M.], red.;

[Helicopters in the national economy] Vertol'oty v narodnomu hospodarstvi. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrain's'koi RSR. Ser. 7, no.3)  
(MIRA 14:8)

(Ukraine--Helicopters)

S/020/61/137/004/023/031  
B103/B208

AUTHORS: Plaksin, I.N., Corresponding Member AS USSR,  
Slepchenko, I.F. and Starchik, L.P.

TITLE: Application of neutron-activation analysis for determining  
the tungsten content in minerals and dressing products

PERIODICAL: Doklady Akademii nauk SSSR, v. 137, no. 4, 1961, 880 - 881

TEXT: The authors used artificial radioactivity caused by neutrons for determining the tungsten content in minerals and dressing products by activation analysis. The difficulty encountered in the chemical separation of accompanying elements may be overcome by determining the principal component by this method. As tungsten has a  $(n, \gamma)$  cross section of 9.9 barns per atom, the radioactive isotope  $W^{187}$  ( $T_{1/2}$  24.1 hr) is obtained by artificial radioactivity. This permits tungsten determination by neutron-activation analysis. In the dressing products of tungsten during processing of scheelite ores, the scheelite quantity in the concentrate reaches several dozen per cent. Other elements accompanying tungsten in

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S/020/61/137/004/023/031  
B103/B208

Application of neutron-activation ...

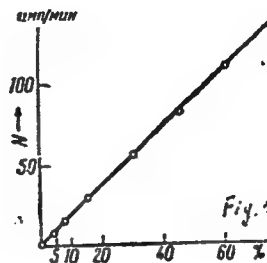
may be eliminated by using absorption filters for  $\beta$ -radiation of low energy (1.33 mev at  $W^{187}$ ), and counting the activity twice. Fig. 1 presents a calibration diagram of the determination of scheelite mixed with fluorite. The radioactivity count is plotted as a function of the tungsten content. Its linearity permits the determination of scheelite in dressing products. The accuracy of determination may be increased by prolonging the time of counting of the induced radioactivity, as  $T_{1/2}$  of  $W^{187}$  is comparatively high (24.1 hr). When counting for 30 min, the determination error of scheelite in the concentrate is 1.5%. The tungsten content in manganese-containing minerals (hübnerite) which have a large cross-section on thermal neutron capture may be determined from the  $\gamma$ -radiation by nuclear spectroscopy. Iron in ferberite has an  $(n, \gamma)$  cross-section of 0.001 barn per atom and thus can not be activated by a source of 8 curies (polonium). The molybdenum content in concentrates of molybdenum-scheelite ores is 4.5%. The  $T_{1/2}$  of  $Mo^{101}$  being 14 min, the increase of the radioactivity count of the specimen as a result of molybdenum activation may be prevented by allowing to pass 1.5 - 2 hr before counting. Finally, the authors state

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Application of neutron-activation ...

S/020/61/137/004/023/031  
B103/B208

Legend to Fig. 1:  
Count of induced activity as a  
function of the content of  
tungstic anhydride in the mix-  
ture with scheelite and fluo-  
rite. Abscissae: content;  
ordinates: pulses/min.



Card 5/5



S/137/62/000/012/079/085  
A006/A101

AUTHOR: Slepchenko, I. F.

TITLE: The use of neutron activation analysis to determine the content of tungsten, aluminum and manganese in concentration products

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 12, 1962, 10, abstract 12K57 ("Nauchn. soobshch. In-t gorn. dela im. A. A. Skochinskogo", 1962, v. 14, 144 - 149)

TEXT: To determine tungsten,  $W^{187}$  radioisotope was used,  $Al^{28}$  isotope for Al, and  $Mn^{56}$  isotope for Mn. The activation method can be applied to determine the tungsten content in scheelite, huebnerite and tungstenite concentrates. Al is determined in a nepheline concentrate and Mn in a pyrolusite concentrate. Neutron irradiation was performed by a Be-Po source with 8 curie intensity from Po. To moderate the neutron flux a paraffin block is used. The induced activity is counted from the  $\beta$ -radiation of  $W^{187}$ ,  $Al^{28}$  and  $Mn^{56}$  isotopes with a T-25- БФЛ (T-25-BFL) type end-window counter and a Б-2 (B-2) device. There are 7 references.

[Abstracter's note: Complete translation]

B. Melent'yev

Card 1/1

SLEPCHENKO, I.F.

Use of neutron analysis to determine the tungsten, aluminum,  
and manganese content of dressing products. Nauch.sob.IGD  
14:144-149 '62. (MIRA 16:1)  
(Ore dressing) (Activation analysis)

5(3)

AUTHORS:

SOV/89-7-3-6/29

Shevchenko, V. B., Slepchenko, I. G., Schmidt, V. S.,  
Nenarokomov, E. A.

TITLE:

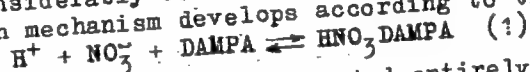
Extraction Properties of Di-isoamyl Esther of Methyl Phosphoric Acid

PERIODICAL:

Atomnaya energiya, 1959, Vol 7, Nr 3, pp 236-243 (USSR)

ABSTRACT:

By hitherto known methods the distribution coefficients of  $\text{HNO}_3$  and uranyl nitrate in solutions of nitric acid and solutions of  $\text{DAMPA}$  (di-isoamyl ester of methyl-phosphoric acid) in petroleum were determined on the basis of the  $\text{DAMPA}$ -content in the extractive and on the  $\text{UO}_2(\text{NO}_3)_2$  and  $\text{HNO}_3$ -content in the aqueous phase. It could be shown that, especially in the aqueous phase, small uranium concentrations can be extracted with  $\text{DAMPA}$  considerably better than with TBP (tributyl phosphate). The extraction mechanism develops according to the equation



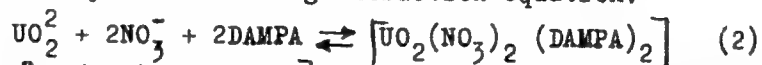
where  $\text{HNO}_3 \cdot \text{DAMPA}$  is a compound extracted entirely from the organic phase. The rules governing the extraction of uranium from solutions containing nitric acid by  $\text{DAMPA}$ -solutions may be

Card 1/2

SOV/89-7-3-6/29

Extraction Properties of Di-isoamyl Esther of Methyl Phosphoric Acid

explained by the following extraction equation:



where  $[\text{UO}_2(\text{NO}_3)_2 (\text{DAMPA})_2]$  is a compound extracted entirely from the organic phase. The equilibrium constant of reaction (1) by using 10- and 20% DAMPA-solutions is  $0.30 \pm 0.03$  (measured value). The equilibrium constant of reaction (2) with a 20% DAMPA-solution, however, is  $2540 \pm 200$ . The values determined during the various experimental stages are represented partly by tables and partly graphically. There are 10 figures, 5 tables, and 20 references, 14 of which are Soviet.

SUBMITTED: December 11, 1958

Card 2/2

SHEVCHENKO, V.B.; SLEPCHENKO, I.G.; SHMIDT, V.S.; NENAROKOMOV, E.A.

Mechanism of extraction of uranium (VI) with tributyl phosphate  
from hydrochloric acid solutions. Zhur.neorg.khim. 5 no.5:

1095-1099 My '60.

(MIRA 13:7)

(Uranium) (Butyl phosphate)  
(Extraction(Chemistry))

NEBENAROKOMO", E.A.; SLEPCHENKO, I.G.

Mechanism of extraction of molybdenum (VI) from hydrochloric acid  
solutions with diisocamyl ester of methylphosphinic acid. Zhur.  
neorg. khim. 8 no.12:2785-2789 D '63. (MLKA 17:9)

*SLEPCHENKO, I.R.*

I-13

USSR/Chemical Technology - Chemical Products and Their  
Application. Food Industry.

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2995

Author : Slepchenko, I.R., Knizhnik, Ye.V., Pirayeva, L.A.

Inst : Moscow Technological Institute of the Meat and Dairy  
Industry

Title : Production of Calcium Alginate Films and Their Utilization  
in the Freezing of Meat.

Orig Pub : Sb. stud. rabot Mosk. tekhnol. in-ta myas. i moloch. prom-  
sti, 1956, No 4, 39-46

Abstract : For contact freezing of meat a simple procedure has been  
developed for obtaining a protective film directly on the  
surface of the product. Meat cuts (1 kg) were immersed,  
at 18-20°, for several second in 15% solution of Na-al-  
ginate. After excess solution had drained off the samples

Card 1/2

USSR/Chemical Technology - Chemical Products and Their  
Application. Food Industry.

I-13

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651320001-2"

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2995

were transferred for 3-5 minutes in a 3.5% solution of  
CaCl<sub>2</sub>. In order to impart elasticity to the thus formed  
calcium alginate film, the samples to be stored were im-  
mersed in a 10% solution of glycerol. Samples coated  
with the film were frozen in brine, at -23°, and in a  
refrigeration chamber, at -25°. It was found that in  
contact freezing of meat the duration of the process is  
decreased by 4 times, as compared with freezing in an  
air medium. On freezing of meat in a calcium alginate  
film losses in weight are reduced by approximately 4 ti-  
mes; on defrosting no losses of meat juice were observed  
to occur, the meat has a good color and normal properties  
as concerns its taste.

Card 2/2

KURNOSENKOVA, S.A.; MEICHENKO, L.G.

Determination of asphaltenes in petroleum residues. Neftspet.  
i neftekhim. no.7:14-17 '63 (MIRA 17:7)

1. Omskiy filial Gosudarstvennogo vsesoyuznogo dorozhnogo  
nauchno-issledovatel'skogo instituta i Omskiy nefteperera-  
batyvayushchiy zavod.



L 22479-66 EWT(m)/T DJ  
ACC NR: AP6007939 (A)

SOURCE CODE: UR/0318/66/000/001/0020/0022

AUTHOR: Bronfin, I. B.; Sidorskaya, L. F.; Slepchenko, L. G.; Vinnikova, R. A.; Kurach, L. S.

ORG: Omsk Oil Refinery (Omskiy neftepererabatyvayushchiy zavod)

TITLE: Synthesis of alkylphenols for oil additive manufacturing using silica-alumina catalysts

SOURCE: Neftepererabotka i neftekhimiya, no. 1, 1966, 20-22

TOPIC TAGS: alkylphenol, petroleum product, lubrication oil, lubricant, lubricant property, lubricant additive

ABSTRACT: Catalytic synthesis of alkylphenols based on technical grade phenol fraction and olefin fraction boiled below 80°C was investigated. The synthesis was conducted by passing a mixture of 27-28 wt % phenol fraction and 72-73 wt % olefin fraction through a tubular reactor packed with silica-alumina cracking catalyst. At an optimum reaction temperature equal to 150°C, the yield of alkylphenols was 25-30 wt % per pass. The lubricating oil additive based on the product alkylphenol was found to conform to the GOST standard for quality. Alkylphenol characteristics reaction temperature is graphed. Orig. art. has: 4 figures.

SUB CODE: 07, 11 SUBM DATE: 00/ ORIG REF: 008/ OTH REF: 002

Card 1/1 BK

UDC: 665.652.4-4 : 665.4-4 : 66.022.313

SLEPCHENKO, N. V.

The role of light in the formation of nucleoproteins in higher plants. V. G. Konarev and N. V. Slepchenko (V. P. Chkalov State Pedagog. Inst., Chkalov). *Doklady Akad. Nauk S.S.S.R.* 95, 321-4(1954).—As shown by expts. with pea sprouts, in the absence of light there occurs a retardation of transfer of P into the plant and the synthesis of nucleoproteins is hindered. The latter phenomenon, under conditions of etiolation, occurs at the expense of both protoplasmic and nuclear nucleoproteins. The mechanism of action of light is not clear but appears to be connected with photosynthetic processes and products.

G. M. Kosolapoff

3

SLEPCHENKO, N. V. Cand Geol Sci -- "Connection of nucleinic acids and <sup>enzymes</sup>~~ferments~~  
with the develop~~ment~~ of mechanical tissues and vessels in higher plants."  
Orenburg, 1960 (Acad Sci USSR. Inst of Physiology of Plants im K. A. Timiryasov).  
(KL, 1-61, 189)

-142-

SIGAL, Ye.Ya.; SLEPCHENKO, Z.S.

Zimnitskii's test in diseases of the cardiovascular system. Vrach.  
delo no. 1:43-46 '61. (MIRA 14:4)

1. Terapevticheskoye otdeleniye (zav. otdeleniyem - prof. B.S.  
Shklyar) Vinnitskoy oblastnoy bol'nitsy imeni Pirogova.  
(CARDIOVASCULAR SYSTEM—DISEASES)  
(URINE—ANALYSIS AND PATHOLOGY)

SLEPCHIN, Z.

Visiting battle sites. Voen.znan. 37 no.6:16 Ja '61.  
(MIRA 14:6)

1. Nachal'nik respublikanskogo Doma Dobrovol'nogo obshchestva  
sodeystviya armii, aviatsii i flotu Belorusskoy SSR, Minsk.  
(White Russia—Military education)

IVANOV, K.P.; RASHEVSKAYA, D.A.; SLEPOCHUK, N.A.

Role of various skeletal muscles in chemical thermoregulation.  
Fiziol. zhur. 51 no.5:593-600 My '65. (MIRA 18:6)

1. Laboratoriya ekologicheskoy fiziologii Instituta fiziologii  
Imeni Pavlova AN SSSR, Leningrad.

SLEPENCHUK, K.M.

Mathematical Reviews  
Vol. 15 No. 1  
Jan. 1954  
Analysis

✓ Slepencuk, K. M. Representation of an analytic function of two variables by means of a double infinite product. Uspehi Matem. Nauk (N.S.) 8, no. 2 (54), 139-142 (1953). (Russian)

✓ I. F. Ritt [Math. Z. 32, 1-3 (1930)] proved that an analytic function  $f(x)$  with  $f(0) = 1$  has a unique representation as an infinite product  $\prod_{n=1}^{\infty} (1 + a_n x^n)$ . The author states an analogous theorem concerning representation of an analytic function  $f(x, y)$  as a product  $\prod_{n=0}^{\infty} (1 + a_{nn} x^n y^n)$ . His proof, however, is not valid because the recursion formula by means of which he calculates  $a_{nn}$ , is wrong.

H. Tornehave (Copenhagen).

SLEPENCHUK, K-M.

USSR

✓ Slepčuk, K. M. On a property of infinite products. Uspehi Mat. Nauk (N.S.) 10, no. 1 (63), 151-153 (1955). (Russian)

1. F/W

MS This paper characterizes the real convergent infinite products  $\prod_{k=1}^{\infty} (1+a_k)$  for which  $\prod_{k=1}^n (1+a_k x)$  converges when  $x$  is real and  $x \neq 0, 1$ . The following modification of the work of the author removes the restriction that  $x$  is real.

A clue to the solution lies in the elementary fact that if  $a_k$  is real,  $a_k \rightarrow 0$ , and  $x$  is real or complex, then there is an index  $N$  and a sequence  $\epsilon_k$  such that  $\epsilon_k \rightarrow 0$  and

$$(*) \quad \prod_{k=1}^n (1+a_k x) = \exp \left[ x \sum_{k=1}^n a_k \right] \exp \left[ x^2 \sum_{k=1}^n (-\frac{1}{2} + \epsilon_k) a_k^2 \right]$$

whenever  $N \leq m \leq n$ . If  $\prod (1+a_k)$  converges, then the two series  $\sum a_k$  and  $\sum a_k^2$  both converge, or both diverge to  $+\infty$ . In case  $\prod (1+a_k)$  converges and the two series  $\sum a_k$  and  $\sum a_k^2$  both converge, use of (\*) shows that  $\prod (1+a_k x)$  converges for each complex  $x$ . In case  $\prod (1+a_k)$  converges and the two series  $\sum a_k$  and  $\sum a_k^2$  both diverge to  $+\infty$ , use of (\*) shows that the limit

$$(**) \quad \lim_{n \rightarrow \infty} \left[ x \sum_{k=1}^n a_k + x^2 \sum_{k=1}^n (-\frac{1}{2} + \epsilon_k) a_k^2 \right]$$

(OVER)



*K.M. SLEPENGUR*

exists when  $x=1$ ; it follows from this that the limit <sup>(\*\*)</sup> cannot exist when  $x$  is a complex number different from 0 and 1 hence from <sup>(\*)</sup> that  $\prod(1+a_n x)$  diverges when  $x$  is a complex number different from 0 and 1. *R. P. Agnew.*

*2/2*

SLEPENCHUK, K.M.

SUBJECT USSR/MATHEMATICS/Theory of Functions CARD 1/1 PG - 113  
 AUTHOR SLEPENCHUK K.M.  
 TITLE On an analogue of the abelian theorem for infinite products.  
 PERIODICAL Doklady Akad. Nauk 104, 19-21 (1955)  
 reviewed 7/1956

The author proves the theorem: In order that for every infinite convergent product

$$\prod_{n=1}^{\infty} (1+U_n) = Q, \text{ where } \sum_{n=1}^{\infty} |U_n|^{2p} < \infty, \quad p > 1,$$

always

$$\lim_{x \rightarrow 1} \prod_{n=1}^{\infty} (1+U_n x^{k_n}) = Q$$

is valid, it is necessary (if  $\frac{1}{p} + \frac{1}{q} = 1$ ) and sufficient (if  $\frac{1}{q} + \frac{1}{2p} = 1$ ) that

$$V_n = \frac{k_1^q + k_2^q + \dots + k_n^q}{k_n^q} < K \quad n \text{ integer.}$$

INSTITUTION: Public University Dnepropetrovsk.

SOV/44-58-4-3037

Translation from: **Referativnyy zhurnal, Matematika**, 1958,  
Nr 4, p 89 (USSR)

AUTHOR: Slepenchuk, K.M.

TITLE: Inversion Theorems for Infinite Products (Teoremy obrash-  
cheniya dlya beskonechnykh proizvedeniy)

PERIODICAL: **Nauchn.. zap. Dnepropetr. un-ta**, 1956, Nr 45,  
pp 199-206

ABSTRACT: Let  $(A_1)$  be the class of matrices of  $A=(a_{nk})$  for which

$\sum_{k=1}^{\infty} |a_{nk}| < \infty, n=1,2,\dots;$   
( $A_2$ ) the class of matrices of  $A$  for which  $\sum_{k=1}^{\infty} |a_{nk}-1| < \infty, n=1,2,\dots;$

( $A_3$ ) the class of matrices of  $A$  for which  $\lim_{k \rightarrow \infty} a_{nk} = a_n, n=1,2,\dots;$

$n=1,2,\dots$  exists and is equal to zero or 1, whereupon the series

$\sum_{k=1}^{\infty} |a_{nk}-a_n|$  converges for  $n=1,2,\dots$

Card 1/2

SOV/44-58-4-3037

Inversion Theorems (cont.)

It is proven that if the matrix  $A \in (A_1)$  and satisfies the conditions: 1)  $\lim_{n \rightarrow \infty} a_{nk} = 1, k = 1, 2, \dots$ ,

2) there exists a sequence of natural numbers  $\{k_n\}, k_n \rightarrow \infty$  when  $n \rightarrow \infty$ ,

such that  $\sum_{k=1}^{k_n} |a_{nk} - 1| + \sum_{k=k_n+1}^{\infty} |a_{nk}| < M, n = 1, 2, \dots$

then in order that, from the summability of (A) to the number P of any infinite product  $\prod_{k=1}^{\infty} (1 + u_k)$ ,

for which  $u_k \rightarrow 0$  when  $k \rightarrow \infty$  and  $|1 + u_k| > c, k = 1, 2, \dots$ ,

the matrix would follow its convergence to P, it is necessary and sufficient that  $l_{n+1} - l_n \leq K, n = 1, 2, \dots$

where  $\{l_n\}$  is an increasing sequence, formed by all the elements of the sequence  $\{k_n\}$ . Analogous theorems are formulated for the classes of matrices  $(A_2)$  and  $(A_3)$ .

M.D. Kalashnikov

Card 2/2

SLEPENCHUK, K.M. [Slipenchuk, K.M.]

Some general theorems of the Tauber type. Dop.AN USSR no.10:1315-  
1318 '60. (MIRA 13:11)

1. Dnepropetrovskiy gosudarstvennyy universitet. Predstavleno  
akademikom AN USSR B.V.Gnedenko. [Hniedenko, B.V.].  
(Series)

SLEPENCHUK, K.M.

Some partial methods for the summation of infinite products.  
Izv. vys. ucheb. zav.; mat. no.1:178 '62. (MIRA 15:1)  
(Products, Infinite)

SLEPENCHUK, K.M. [Slipenchuk, K.M.]

Tauberian type theorem for  $(H^{(\alpha)}, \lambda)$  methods of summation  
of double series. Dop. AN URSR no.3:312-314 '64.

(MIRA 17:5)

1. Dnepropetrovskiy gosudarstvennyy universitet. Predstavleno  
akademikom AN UkrSSR Yu.A. Mitropol'skim [Mytropol's'kyi,  
IU.O.].

SLEPENCHUK, K.M. (Dnepropetrovsk)

Particular methods for the summation of infinite products. <sup>zv.</sup>  
vys. ucheb. zav.; mat. no.6:133-137 '63 (MIRA 17:8)



SLEPENCHUK, K.M. [Slipenchuk, K.M.]

Some methods for the summation of series. Dop. AN URSS no.12:1559-1562  
'63. (MIRA 17:9)

1. Dnepropetrovskiy gosudarstvennyy universitet. Predstavleno  
akademikom AN UkrSSR Yu.A. Mitropol'skim [Mytropol's'kyi, IU.O.].

SLEPENCHUK, K.M. (Dnepropetrovsk).

Nonlinear transformations of certain classes of sequences  
(products). Izv. vys. ucheb. zav.; mat. no.2:144-151 '64.  
(MIRA 17:8)

SLEPENCHUK, K.M. (g. Dnepropetrovsk)

Tauber type theorems for  $(C_B^{(2)}, \lambda)$ -methods of summation of  
series. Izv. vys. ucheb. zav.; mat. no.3:131-135 '64.

(MIRA 17:22)

SLEPENCHUK, K.M. (Dnepropetrovsk)

Tauberian type theorems for some methods of summation of series. Izv.  
vys. ucheb. zav.; mat. no.5:100-103 '64. (MIRA 17:12)

SLEPENCHUK, K.M. (Dnepropetrovsk)

Tauber type theorems for certain methods of summation of double series. Izv. vys. ucheb. zav.; mat. no.6:153-158 '64.  
(MIRA 18:3)

SLEPENCHUK, K.M. (Dnepropetrovsk)

Tauberian type theorems for generalized Hölder methods of negative order. Izv.vys.ucheb.zav.; mat. no.1:146-152 '65.

(MIRA 18:3)

SLEPENCHUK, K.M. (Dnepropetrovsk)

Summation of series by  $(C_0, \frac{1}{2})$ -methods. Izv. vys. ucheb. zav.; mat.  
no.2:166-170 '65. (MIRA 18:5)

SLEPENCHUK, K.M. (Dnepropetrovsk)

Absolute summability of series by Cesaro's methods of negative  
order. Izv.vys.ucheb.zav.; mat. no.5:128-131 '65.

(MIRA 18:10)



STRECHEN, A.M. (Dnepropetrovsk)

Tauberian-type theorems for the summation of double series  
using Hölder's methods. Ukr. mat. zhur. 17 no.1:123-126 '65.  
(MIRA 18:3)

PLEPENCHUK, K.M. (Dnepropetrovsk)

Summation of double series by Holder's methods. Izv. vys. ucheb.  
zav.; mat. no.4:126-131 '65. (MIRA 18:9)

SLIFENCHUK, K.M. (Dnepropetrovsk)

Tauberian theorems for absolute summability by Abel methods.  
Izv.vys.ucheb.zav.; mat. no.6:135-139 '65.

(MIRA 19:1)

1. Submitted March 27, 1964.

L 28419-66

ACC NR: AP6019081

SOURCE CODE: UR/0239/65/051/005/0593/0600

AUTHOR: Ivanov, K.P.; Rashevskaya, D. A.; Slepchuk, N. A.

ORG: Laboratory of Ecological Physiology, Institute of Physiology im. I. P. Pavlov,

AN SSSR, Leningrad (Laboratoriya ekologicheskoy fiziologii Instituta fiziologii AN SSSR)

TITLE: Role of different skeletal muscles in chemical heat regulation

SOURCE: Fiziologicheskii zhurnal SSSR, v. 51, no. 5, 1965, 593-600

TOPIC TAGS: mouse, rat, rabbit, dog, muscle physiology, electrophysiology, blood circulation

ABSTRACT: Electromyograms of the skeletal muscles of the head (temporal muscle), back, neck, and hind legs of mice, rats, rabbits, and dogs were taken - first at a temperature of the external air in which the animals were kept that approached the critical (i.e., in the thermoneutral zone, which is 19-23° for dogs and 26-30° for rabbits, rats, and mice) and then on cooling the animals by placing them in a chamber filled with colder air or submerging them in water at 16-18°. The electric activity of the muscles (shivering that indicated chemical activity accompanied by a release of heat) was more pronounced in the front part of the body and highest in the neck, followed by the head. The hind legs showed the least activity. Because of the shorter distance along major veins to the front part of the body, temperature regulation in this part is more economical from the standpoint of heat loss over the blood circulation path. The differences between thermal regulation in the front and back part of the body were less pronounced for small animals than for large animals. When mice were cooled to a sufficiently low temperature, all of their muscles participated in thermal regulation to an equal extent. Orig. art. has: 1 figure and 6 tables. [SPRS]

SUB CODE: 06/ SUBM DATE: 12Nov63/ ORIG REF: 004/ OTH REF: 001

Card 1/1 UDC: 612.745+612.53

GRINEV, A.F.; SLEPENKO, D.D.

Machine for checking the rate of tightness of tapered thread  
in couplings. Mashinostroenie no.3:77-78 My-Je '63.  
(MIRA 16:7)

(Screw threads--Testing)

SLEPENKOV, M.

Ferrous metallurgy of Canada. Geog. v shkole 24 no. 1:71-73  
Ja-F '61. (MIRA 14:2)

(Canada—Iron industry)

GLAZUNOV, Sergey Ivanovich; SUKHNEV, A.I., retsenzent; ~~SILPENKOV~~, P.P.,  
retsenzent; NIKIFOROV, N.M., red.; ALEKSEYEV, V.I., red. izd-va;  
YERMAKOVA, T.T., tekhn. red.

[Boatswains and seamen's manual for river passenger and freight  
vessels] Posobie bortsmanu i matrosu gruzo-passazhirskogo rechnogo  
sudna. Moskva, Izd-vo "Rechnoi transport," 1958. 143 p.  
(Ships) (MIRA 11:9)

KARLOV, Boris Ivanovich; inzh.-kontr-admiral; PEVZNER, Vladimir Abovich;  
SLEPENKOV, Pavlin Petrovich; GRIGOR'YEVA, A.I., red.; KARYAKINA,  
M.S., tekhn.red.

[Ship handling; an amateur's guide] Sudovozhdenie; posobie sudovoditeliu-liubiteliu. Pod obshchei red. B.I.Karlova. Moskva,  
Izd-vo DOSAAF, 1960. 223 p. (MIRA 14:2)  
(Launches--Handling)



SLEPENKOV, Z., kapitan 1-go ranga, kand. voyenno-morskikh nauk, dotsent

"Multilateral" adventure of the bosses of NATO. Komm. Vooruzh. Sil  
46 no.16:74-78 Ag '65. (MIRA 18:8)

KOROTKIN, Isaak Moiseyevich; SLEPENKOV, Zakhar Fedorovich;  
KOLYZAYEV, Boris Aleksandrovich; VYZVILKO, S.A., red.

[Aircraft carriers] Avianostsy. Moskva, Voenizdat,  
1964. 274 p. (MIRA 17:12)

SLEPETIENE, J.

Description of male nematodes and Aphelenchoides sp. (intersex).  
Liet. TSR Moksl. akad. darb. [Biol] 1:135-140 '62.  
(NEMATODA)

SLEPETA, A.

NIKITIN, V. A., ROMONOV, A. A., SVIRIDOV, V. A., SLEPETA, A. and STRONOV, I. N.

"Differential Cross Section of the Elastic  $\pi^-p$ -Scattering of Neutrons with the Momentum 3,8 GeV/c on Small Angles and Inelastic  $\pi^-p$ -Scattering with a Small Momentum Transfer"

report presented at the Intl. Conference on High Energy Physics, Geneva, 4-11 July 1962

Joint Institute For Nuclear Research  
Laboratory of High Energies, Dubna, 1962

SLEPETS, A.; GRACHEVA, M.

Looking like gold. Mest.prom.i khud.promys. 4 no.2:30-31 F '63.  
(MIRA 162)

1. Nachal'nik kontory Upravleniya metalloobrabatyvayushchey promyshlennosti Moskovskogo ispolnitel'nogo komiteta Moskovskogo soveta deputatov trudyashchikhsya (for Slepets). 2. Nachal'nik laboratorii kontory Upravleniya metalloobrabatyvayushchey promyshlennosti Moskovskogo gorodskogo ispolnitel'nogo komiteta Moskovskogo soveta deputatov trudyashchikhsya (for Gracheva).

SLEPETS, I.

Some problems in teaching party history. Prof.-tekh.sbr. no.10:27  
0 '55. (MLRA 9:1)

1. Prepedavatel' tekhnicheskogo uchilishcha no.7, Leningrad.  
(Communist education)

NIKITIN, V.A.; NOMOFILOV, A.A.; SVIRIDOV, V.A.; SLEPETS, L.A.; SITNIK, I.M.;  
STRUNOV, L.N.

Measurement of the real part of the amplitude of elastic  $\pi^+p$ -scattering  
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Source: EEAL LC Vol. 5, No. 10 Oct. 1956

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PHASE I BOOK EXPLORATION

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Československá Akademie Věd. Série technická  
Proudní v lopatkových strojkách (Flow Through Turbomachinery) Praha, Matla-  
teřství Československé Akademie Věd, 1963. 313 p. (Series: In: Sborník  
ústavu pro výzkum strojků) Křivka alip inserted. 1,250 copies printed.

Scientific Ed.: Jan Jerie, Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences; Resp. Ed.: Ladislav Ertina; Tech. Ed.: František  
Kudický.

PURPOSE: This collection of papers is intended for engineers and scientific  
workers in the field of turbomachinery.

COVERAGE: The collection covers turbomachinery theory, investigations of the  
flow of working substance in basic elements of turbomachinery, phenomena ac-  
companying flow and variable with time and investigations of various problems  
on experimental machines and models. A Russian and an English summary follows  
each paper. No personalities are mentioned. There are 189 references: 75  
Czech, 57 English, 30 German, 20 Russian, and 1 Dutch.

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16. Tomasec, Ladislav, Engineer, ÚVŠ ČSAV. Electric Measurement of  
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